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DECLARATION AND POWER OF ATTORNEY
(Related Application)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHODS, COMPOSITIONS AND KITS FOR BIOLOGICAL
INDICATOR OF STERILIZATION**

the specification of which is attached hereto and/or was filed on March 4, 2002 as Application No. 10/091,260.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

FOREIGN PRIORITY APPLICATION(S)

Priority Claimed

☐ Yes ☐ No

(Number) (Country) (Day/month/year filed)

Priority Claimed

☐ Yes ☐ No

(Number) (Country) (Day/month/year field)

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional patent application(s) listed below and have also identified below any United States provisional patent application(s) having a filing date before that of the application on which priority is claimed.

PROVISIONAL PRIORITY PATENT APPLICATION

Priority Claimed

☒ Yes ☐ No

60/132,186 May 3, 1999
(Application No.) (Filing Date)

☐ Yes ☐ No

(Application No.) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, Section 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or in the prior U.S. provisional application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:



20040826

09/563,707 May 2, 2000 pending
(Application Serial No.) (Filing Date) (Status)--(patented, pending, abandoned)

(Application Serial No.) (Filing Date) (Status)--(patented, pending, abandoned)

And I hereby appoint the registered attorneys and agents associated with **AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.**, Customer No. 000570, as my attorneys or agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to Customer No. 000570, namely, **AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.**, One Commerce Square, 2005 Market Street, Suite 2200, Philadelphia, Pennsylvania 19103. Please direct all communications and telephone calls to **Lynda L. Calderone** at (215) 965-1272.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole
inventor, if any Ira C. Felkner

Inventor's Signature Ira Cecil Felkner

Date July 30, 2002

Residence West Palm Beach, Florida

Citizenship United States of America

Post Office Address 9033 Bay Harbour Circle

West Palm Beach, FL 3341

09/563,707 May 2, 2000 pending
(Application Serial No.) (Filing Date) (Status)--(patented, pending, abandoned)

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Full name of sole
inventor, if any Ira C. Felkner

Inventor's Signature _____

Date _____

Residence West Palm Beach, Florida

Citizenship United States of America

Post Office Address 9033 Bay Harbour Circle

West Palm Beach, FL 3341

inventor, if any Joseph P. Laico

Inventor's Signature Joseph P. Davis

Date 4/29/02

Residence New City, New York

Citizenship United States of America

Post Office Address 75 South Mountain Road

New City, New York 10956

Figure 1: A schematic diagram of a 1D lattice chain with N sites. The sites are labeled $1, 2, 3, \dots, N$. The chain is divided into two halves by a vertical dashed line. The left half contains sites 1 to $N/2$, and the right half contains sites $N/2+1$ to N . The sites are connected by horizontal lines representing nearest-neighbor interactions. The diagram is labeled "Figure 1" at the bottom.